

Listing by Accession Number

AN 000001

Title Community Outreach and Education Programs, Directors' Meeting, Wayne State University, October 15-16, 2000

Author(s) National Institute of Environmental Health Sciences

Publication Year 2000

Publisher NIEHS

Format Booklet

Language English

Audience Scientists/researchers--COEPs, Government--NIEHS, General public

Physical Description 42 pp; col; ill

Availability Public domain. No restrictions.

PDF file currently available.

COEP National Institute of Environmental Health Sciences

Subjects COEPs (Community Outreach and Education Programs), COEP history, COEP activities, COEP success stories, Outreach activities, Outreach to community-based organizations, Continuing education for health care professionals, Primary school education, Secondary school education

Abstract This booklet compiles descriptions of successful projects carried out by individual Community Outreach and Education Programs (COEPs), highlighting their variety and complexity. NIEHS prepared the document for the 2000 COEP Directors' Meeting at Wayne State University. The booklet's introduction provides an overview of COEP history and purpose and describes different ways in which a Core Center may define and interact with its community. Nineteen COEPs provide summaries of projects related to outreach to K-12 students; 13 COEPs provide summaries of projects related to outreach to community-based organizations; and 5 COEPs provide summaries of projects related to outreach to healthcare professionals. The booklet concludes with contact information for each COEP.

AN 000002

Title Environmental Health Educators' Quarterly

Author(s) Cook, D.

Center for Research on Environmental Disease, University of Texas M.D. Anderson Cancer Center

Publication Year 1999- Note: Serial publication.

Publisher Center for Research on Environmental Disease

Sponsoring Agency Center for Research on Environmental Disease

Format Newsletter

Language English

Audience K-12, University education

Physical Description 2-5 pp; b&w

Availability Public domain. No restrictions.

See Web site: <http://sciencepark.mdanderson.org/cred/newsletters/>

COEP University of Texas M.D. Anderson Cancer Center (Smithville)

Subjects Environmental health, Cancer prevention, Biological sciences, Web site reviews and evaluations, Educational Web sites, Educational resources, Science education, Nutrition education

Abstract This email newsletter provides messages about resources, such as Web sites, other newsletters, and ideas for classroom activities, for students, educators, and the public on environmental health, cancer prevention, and bioscience. Each issue contains a list of contents. Resource suggestions are classified as oriented toward primary education, secondary education, or both. Reviews and evaluations are provided. The newsletter is delivered to subscribers free of charge approximately on a quarterly basis. Back issues are available to the public on the Internet.

Notes Resource Center holds: June 1999, Sept 1999, Jan 2000, May 2000, Sept 2000, Jan 2001, May 2001.

AN 000003

Title Environmental Health Educators' Quarterly--June 1999

Author(s) Center for Research on Environmental Disease, University of Texas M.D. Anderson Cancer Center

Publication Year 1999

Publisher Center for Research on Environmental Disease

Sponsoring Agency Center for Research on Environmental Disease

Format Newsletter issue

Language English

Audience K-12, University education

Physical Description 2 pp; b&w

Availability Public domain. No restrictions.
PDF file currently available.

See Web site: <http://sciencepark.mdanderson.org/cred/newsletters/1999-06.html>

COEP University of Texas M.D. Anderson Cancer Center (Smithville)

Subjects Environmental health, Cancer prevention, Biological sciences, Web site reviews and evaluations, Educational Web sites, Educational resources, Science education, Nutrition education

Abstract This email newsletter provides messages about resources for students, educators, and the public on environmental health, cancer prevention, and bioscience. This issue includes reviews of the following resources: 1) an on-line glossary for the Human Genome Project; 2) the NIEHS Kids' Web pages; 3) the University of Texas, Austin, molecular biology program Web site; and 4) a 2/8/99 New Yorker magazine article, "The Cancer-Cluster Myth."

AN 000004

Title Environmental Health Educators' Quarterly--September 1999

Author(s) Center for Research on Environmental Disease, University of Texas M.D. Anderson Cancer Center

Publication Year 1999

Publisher Center for Research on Environmental Disease

Sponsoring Agency Center for Research on Environmental Disease

Format Newsletter issue

Language English

Audience K-12, University education

Physical Description 5 pp; b&w

Availability Public domain. No restrictions.
PDF file currently available.

See Web site: <http://sciencepark.mdanderson.org/cred/newsletters/1999-09.html>

COEP University of Texas M.D. Anderson Cancer Center (Smithville)

Subjects Environmental health, Cancer prevention, Biological sciences, Web site reviews and evaluations, Educational Web sites, Educational resources, Science education, Nutrition education

Abstract This email newsletter provides messages about resources for students, educators, and the public on environmental health, cancer prevention, and bioscience. This issue includes reviews of the following resources: 1) seven environmental health newsletters, including subscription information; 2) Science magazine's Kinetic City Web site for children; 3) a classroom or home demonstration and lesson about antioxidants (vitamin C); 4) the National Library of Medicine's toxicology Web site "Toxnet"; 5) an on-line medical dictionary; and 6) an anti-smoking Web site for teens.

AN 000005

Title Environmental Health Educators' Quarterly--January 2000

Author(s) Cook, D.

Center for Research on Environmental Disease, University of Texas M.D. Anderson Cancer Center

Publication Year 2000

Publisher Center for Research on Environmental Disease

Sponsoring Agency Center for Research on Environmental Disease

Format Newsletter issue

Language English

Audience K-12, University education

Physical Description 5 pp; b&w

Availability Public domain. No restrictions.

PDF file currently available.

See Web site: <http://sciencepark.mdanderson.org/cred/newsletters/2000-01.html>

COEP University of Texas M.D. Anderson Cancer Center (Smithville)

Subjects Environmental health, Cancer prevention, Biological sciences, Web site reviews and evaluations, Educational Web sites, Educational resources, Science education, Nutrition education

Abstract This email newsletter provides messages about resources for students, educators, and the public on environmental health, cancer prevention, and bioscience. This issue includes reviews of the following resources: 1) a biotechnology Web site with on-line tutorials; 2) a Web site that describes the history of plagues and pestilence; 3) free curriculum CD-ROMs available from the National Institutes of Health; and 4) a classroom activity for learning about public health and epidemiology methods.

AN 000006

Title Environmental Health Educators' Quarterly--May 2000

Author(s) Cook, D.

Center for Research on Environmental Disease, University of Texas M.D. Anderson Cancer Center

Publication Year 2001

Publisher Center for Research on Environmental Disease

Sponsoring Agency Center for Research on Environmental Disease

Format Newsletter issue

Language English

Audience K-12, University education

Physical Description 5 pp; b&w

Availability Public domain. No restrictions.

PDF file currently available.

See Web site: <http://sciencepark.mdanderson.org/cred/newsletters/2000-05.html>

COEP University of Texas M.D. Anderson Cancer Center (Smithville)

Subjects Environmental health, Cancer prevention, Biological sciences, Web site reviews and evaluations, Educational Web sites, Educational resources, Science education, Nutrition education

Abstract This email newsletter provides messages about resources for students, educators, and the public on environmental health, cancer prevention, and bioscience. This issue includes reviews of the following resources: 1) the Kidhealth.org Web site, which provides explanations of childhood illnesses, including cancer, for children; 2) Tulane and Xavier Universities' "e.hormone" Web site on environmental estrogens and endocrine disruptors; 3) medical school cases and lectures on environmental health subjects available at www.secondnature.org; 4) the Howard Hughes Medical Institute's "Cool Science for Kids" Web site (www.hhmi.org/coolscience), which provides learning activities on the subjects of respiratory tract and lung function and air pollution; and 5) a general purpose science education Web site (madsci.org) for science teachers and students.

AN 000007**Title** Environmental Health Educators' Quarterly--January 2001**Author(s)** Cook, D.

Center for Research on Environmental Disease, University of Texas M.D. Anderson Cancer Center

Publication Year 2001**Publisher** Center for Research on Environmental Disease**Sponsoring Agency** Center for Research on Environmental Disease**Format** Newsletter issue**Language** English**Audience** K-12, University education**Physical Description** 5 pp; b&w**Availability** Public domain. No restrictions.

PDF file currently available.

See Web site: <http://sciencepark.mdanderson.org/cred/newsletters/2001-01.html>**COEP** University of Texas M.D. Anderson Cancer Center (Smithville)**Subjects** Environmental health, Cancer prevention, Biological sciences, Web site reviews and evaluations, Educational Web sites, Educational resources, Science education, Nutrition education**Abstract** This email newsletter provides messages about resources for students, educators, and the public on environmental health, cancer prevention, and bioscience. This issue includes reviews of the following resources: 1) the COEP's own "Veggie-Mon" Web site (www.veggie-mon.org), which provides environmental health information for children; 2) a Web site, called "DNA From the Beginning" (vector.cshl.org/dnaftb), that provides information about genetics; 3) a pesticide safety bingo game available on the Internet from EPA Region 6; 4) a Web site that offers educational materials, including a flu survey exercise, developed by and for children; and 5) the new National Health Museum's Web site, offering educational resources for teachers. The newsletter also announces that the COEP is looking for teachers to develop environmental health learning activities for high school health and science classes, focusing on the environmental contributions to cancer.**AN 000008****Title** Human Health, Pollution, and the Environment**Author(s)** Aref, L.

Nepf, H.

Culligan, P.

Publication Year 1998**Publisher** Massachusetts Institute of Technology**Sponsoring Agency** NIEHS, NIH**Format** Video**Language** English**Audience** K-12--Middle school, K-12--High school**Physical Description** Curriculum package: 7 videos (25-50 min each); sd; col; 1/2 in VHS; 1 teacher's guide (134 pp; b&w; ill)**Availability** Public domain. No restrictions.**COEP** Massachusetts Institute of Technology**Subjects** Curriculum, Hydrology, Groundwater, Air, Surface water, Environmental pollution, Water pollution, Air pollution, Scientific methods, Pollution sources, Epidemiological methods**Abstract** This curriculum package covers the sources and movement of and methods for studying pollution in the environment, health risks posed by pollution, and methods for limiting health effects. The complete package contains seven programs, each of which consists of a video and written materials. Videos provide oral explanations of concepts, use computer graphics to illustrate processes, and interview university field and laboratory researchers as they demonstrate their research methods. The first three programs introduce students to three environmental reservoirs (groundwater, air, and surface water, respectively) and discuss how each reservoir becomes polluted and the impacts of pollution. The next three programs examine the methods used by scientists to track the sources of diseases, focusing on links between disease and environmental pollution. The final program is a teacher's reference tool and provides additional background and brief lessons on specific scientific concepts.

AN 000009

Title Human Health, Pollution, and the Environment, Program 1: Groundwater Pollution

Author(s) Aref, L.
Nepf, H.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (39:06 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Environmental pollution, Groundwater pollution, Environmental remediation, Superfund, Drinking water, Hydrology, Scientific methods

Abstract This program, part 1 of 7 in the "Human Health, Pollution, and the Environment" curriculum package, introduces the concepts of groundwater and groundwater pollution and describes the processes used to identify and clean up groundwater pollution. Using the example of groundwater contamination in the Aberjona watershed in Woburn, Massachusetts, the video steps through the processes by which a particular site may become contaminated and may become a Superfund site. Field researchers discuss various methods for detecting and measuring the migration of pollutants through groundwater. Classroom exercises illustrate the concept of uncertainty due to limited data. Researchers discuss various methods for groundwater remediation and their limitations: pump and treat, bioremediation, and air sparging.

AN 000010

Title Human Health, Pollution, and the Environment, Program 2: Air Pollution

Author(s) Aref, L.
Nepf, H.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (39:51 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects University laboratories, Air pollution, Air pollution sources, Environmental monitoring, Urban health, Health effects of pollution

Abstract This program, part 2 of 7 in the "Human Health, Pollution, and the Environment" curriculum package, introduces the various kinds and sources of air pollution. The video begins with a brief discussion of combustion chemistry, illustrating how pollutants are formed during combustion. Field researchers demonstrate techniques for collecting ambient air samples and monitoring air pollution levels. They define the concept of particle size, including PM10, and discuss the health effects of particulates, particulate transport and the effect of rain in removing particulates, and the resulting differences in the dominant particulate sizes found in urban, suburban, and rural air.

AN 000011

Title Human Health, Pollution, and the Environment, Program 3: Surface Water Pollution

Author(s) Aref, L.
Nepf, H.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (35:25 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Rivers, Lakes, Drinking water, Groundwater pollution, Water pollution, Water pollution sources, Nutrients and nutrient pollution, Watersheds

Abstract This program, part 3 of 7 in the "Human Health, Pollution, and the Environment" curriculum package, introduces students to the various types of surface water bodies, the concept of watersheds, and the sources and movement of surface water pollutants. The program first focuses on a research project studying the flow of arsenic into the wetlands around a lake. Laboratory demonstrations illustrate some of the principles of fluid mechanics. Field researchers demonstrate techniques for measuring contaminant concentrations in river water. Next, the video addresses the human health effects of surface water pollution, the causes and effects of eutrophication, and water treatment methods.

AN 000012

Title Human Health, Pollution, and the Environment, Program 4: Cancer & America's Changing Lifestyle

Author(s) Nepf, H.
Aref, L.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (27:43 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Cancer, Life style, Smoking, Causality, Epidemiological methods, Mutations

Abstract This program, part 4 of 7 in the "Human Health, Pollution, and the Environment" curriculum package, addresses cancer from a public health perspective. The video begins with an overview of cancer in the United States and examines changes in cancer rates over time, focusing on lung cancer. Dr. William Thilly, NIEHS Center Director, provides a lesson on the various ways in which mutations arise, cell kinetics, and the process of carcinogenesis.

AN 000013

Title Human Health, Pollution, and the Environment, Program 5: Exposure Pathways

Author(s) Nepf, H.
Aref, L.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (47:10 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Water pollution, Superfund, Industrial waste, Heavy metals, Groundwater pollution, Environmental monitoring, Scientific methods, Soil pollution, Environmental remediation

Abstract This program, part 5 of 7 in the "Human Health, Pollution, and the Environment" curriculum package, provides an overview of the pathways that chemicals may follow in the environment. The video returns to the example of contamination in the Aberjona watershed Superfund sites (Program 1, see AN000009) and explores how scientists determine whether pollutants migrate from their original dumping sites into drinking water wells. The video introduces the concept of biogeochemical indicators and describes their use in a variety of research applications. Field researchers demonstrate how sediment cores are collected and analyzed. Researchers next discuss the movement of contaminants in groundwater and soil. They describe properties (chemical density, water solubility, and soil particle size) that determine how a contaminant will behave in soil and groundwater, as well as the implications of this behavior for site remediation.

AN 000014

Title Human Health, Pollution, and the Environment, Program 6: Methods of Toxicology

Author(s) Nepf, H.
Aref, L.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (34:12 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Toxicology, Cancer, Dose-response relationship, Environmental exposures, Mutations, Particulate matter, Environmental monitoring

Abstract This program, part 6 of 7 in the "Human Health, Pollution, and the Environment" curriculum package, introduces students to field and laboratory techniques that are used in environmental toxicology. Field researchers demonstrate air sampling equipment used to collect urban air samples and describe the process for determining the mutagenicity of the air pollutants using bacterial tests. Laboratory researchers provide an overview of the causes of mutations and describe genetic techniques for studying mutations.

AN 000015

Title Human Health, Pollution, and the Environment, Program 7: Teacher Information Program

Author(s) Aref, L.
Nepf, H.
Culligan, P.

Publication Year 1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (59:06 min); sd; col; 1/2 in VHS; teacher's guide (134 pp; b&w; ill)

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Secondary school education, Science education, Environmental education, Statistics education, Scientific methods, Lesson plans, Classroom activities, Internet resources, Curriculum

Abstract This program, the last of seven in the "Human Health, Pollution, and the Environment" curriculum package, provides teachers with an overview of resources available for teaching environmental health science at the middle school level. The video describes common environmental misconceptions held by the general public and emphasizes the need for promoting scientific literacy. It describes a series of classroom projects and activities for teaching scientific methods and critical thinking and recommends Web sites for additional information and ideas.

AN 000016

Title Community Action and the Environment (video)

Author(s) Aref, L.
Anderson, E.
Vatland, J.
Et al. (See Notes)

Publication Year c.1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (48:23 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Pollution sources, Water quality, Health effects of pollution, Rachel Carson (Silent Spring), Groundwater, Surface water, Drinking water, Environmental monitoring, Community-based organizations

Abstract This program, with its accompanying booklet, provides an overview of environmental pollution and ways in which citizens may contribute to the study and alleviation of pollution problems. As an example, the video describes Rachel Carson's investigations and activities that led her to write her seminal book "Silent Spring." The video also introduces the concept of cancer clusters and describes the ways in which community health concerns, including cancer clusters, should be objectively evaluated. Representatives from Boston-area community-based environmental advocacy and monitoring groups describe their activities and ways in which students can participate.

Notes Additional authors (content development): D. Brabander, P. Culligan, H. Nepf. See AN000017 for accompanying curriculum booklet.

AN 000017

Title Community Action and the Environment (curriculum booklet)

Author(s) Aref, L.
Anderson, E.
Vatland, J.
Et al. (See Notes)

Publication Year c.1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Curriculum

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 34 pp; b&w; ill

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Pollution sources, Water quality, Health effects of pollution, Groundwater, Surface water, Drinking water, Environmental monitoring, Community-based organizations, Curriculum, Lesson plans

Abstract This booklet, with an accompanying video, provides an overview of environmental pollution and ways in which citizens may contribute to the study and alleviation of pollution problems. It provides descriptions of and resources for four assignments that reinforce scientific methods for studying environmental problems. The first assignment encourages students to observe their local environment and think about potential sources of pollution. The second introduces the concept of disease clusters and demonstrates the concepts of probability and statistical distributions. The third assignment encourages group discussion of local environmental issues and requires students to learn about local environmental authorities and utilities. The fourth encourages critical thinking about local and global environmental problems. The booklet also includes a list of recommended printed and Internet resources.

Notes Additional authors (content development): D. Brabander, P. Culligan, H. Nepf. See AN000016 for accompanying video.

AN 000018

Title Nuclear Science and Technology (video)

Author(s) Aref, L.
Culligan, P.
Czerwinski, K.
Et al. (See Notes)

Publication Year c.1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Video

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 1 video (50:06 min); sd; col; 1/2 in VHS

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Nuclear science, Nuclear reactors, Nuclear medicine, Nuclear disasters, Chernobyl, Radioactive waste, Risk, Radioactive fallout, Cancer

Abstract This program, with its accompanying booklet, provides an overview of the benefits and risks associated with nuclear power and nuclear science applications. The video begins with an interview with an MIT professor, who explains the concepts of nuclear radiation and fission and defines the elements and particles involved. An MIT researcher then provides a tour of the MIT nuclear reactor and describes the research and education purposes that the reactor serves. Next, a Russian scientist describes the Chernobyl accident, including the cause of the meltdown and the immediate and long term health effects on those exposed. The narrator also interviews MIT researchers who describe the current and experimental use of nuclear science in diagnosis and treatment of diseases such as cancer and rheumatoid arthritis.

Notes Additional author: H. Nepf. See AN000019 for accompanying curriculum booklet.

AN 000019

Title Nuclear Energy: the Good, the Bad, and the Debatable (curriculum booklet)

Author(s) Aref, L.
Culligan, P.
Czerwinski, K.
Et al. (See Notes)

Publication Year c.1998

Publisher Massachusetts Institute of Technology

Sponsoring Agency NIEHS, NIH

Format Curriculum

Language English

Audience K-12--Middle school, K-12--High school

Physical Description 17 pp; b&w; ill

Availability Public domain. No restrictions.

COEP Massachusetts Institute of Technology

Subjects Nuclear science, Nuclear reactors, Nuclear medicine, Radioactive waste, Risk, Radioactive fallout, Cancer

Abstract This booklet, with an accompanying video, provides an overview of nuclear science and radioactivity. It includes four assignments designed to help students understand the controversies surrounding the use of nuclear power and formulate their own opinions on the subject. The first assignment guides students in conducting background research on nuclear energy using the Internet. The second assignment helps students learn about the relationship between radiation exposure, or dose, and health effects and asks students to consider whether current government regulations of radiation sources are sufficient. The third assignment requires students to conduct more in-depth research on a nuclear energy issue. The fourth assignment requires students to work in groups to formulate arguments either for or against fictitious plans for a new nuclear power plant. The booklet also includes a list of recommended printed and Internet resources.

Notes Additional author: H. Nepf. See AN000018 for accompanying video.

AN 000020

Title Hey, It's Your Backyard (video and Web site)

Author(s) Massachusetts Institute of Technology

Publication Year 2000

Publisher Massachusetts Institute of Technology

Format Video

Language English

Audience K-12--Middle school

Physical Description 1 video (32:00 min); sd; color; 1/2 in VHS

Availability Public domain. No restrictions.

See Web site: <http://www.massinteraction.org/html/environment/index.html>

COEP Massachusetts Institute of Technology

Subjects Natural resources conservation/management, Recycling, Environmental awareness, Water pollution, Environmental education, Consumer education

Abstract This program explores the conflict between consumption and limited resources through a humorous, modern-day parable. Following a typical college student through his day, the program illustrates how his actions and consumer choices can impact his friends, his community, and ultimately the globe. The Web site provides a streaming video of the program, teachers' guide with classroom activities, and an interactive game that allows visitors to assess the environmental impact of their consumer choices.

AN 000021

Title Center for Environmental Health Sciences Newsletter

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1994- Note: Serial publication.

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 4-8 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. Such activities focus on the evaluation of exposure to and health impacts of agricultural chemicals and agricultural byproducts. The newsletter is published approximately on a semi-annual basis. Back issues are available to the public in PDF format on the Internet.

Notes Resource Center holds: Win '94, Spr '95, Fall '96, Spr '97, Spr '98, Fall '98, Spr '99, Fall '99

AN 000022

Title Center for Environmental Health Sciences Newsletter--Winter 1994

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1994

Publisher Center for Environmental Health Sciences, University of California at Davis

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 4 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Marion Miller and her research interest in toxicology and male reproductive health, 2) an overview of the Center's mission and activities, 3) profiles of the graduate students funded by the Center and four high school students who participated in summer mentor programs, 4) a list of recent publications by Center members, 5) summaries of past and current pilot research projects, and 6) a calendar of upcoming events.

AN 000023

Title Center for Environmental Health Sciences Newsletter--Spring 1995

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1995

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 6 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Richard Vulliet and his research interest in pharmacology, neurotoxicology, and neurodegenerative diseases; 2) an editorial about the importance of Center's research in neurotoxicology; 3) highlights from the Center's symposium on environmental impacts on the nervous system; 4) a description of the neurotoxicology research carried out at the Center; 5) profiles of the graduate students working with Center researchers on neurotoxicology projects; 6) a list of recent publications by Center members; 7) a summary of a new pilot research projects on the neurotoxic effects of the insecticide lindane; and 8) a calendar of upcoming events.

AN 000024

Title Center for Environmental Health Sciences Newsletter--Fall 1996

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 6 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Kent Pinkerton and his research interest in the respiratory health effects of combined exposure to agricultural chemicals and air pollution, 2) profiles of the researchers and high school students involved in the summer mentor program, 3) a list of recent publications by Center members, 4) a description of the purpose and contact information for the COEP, and 5) a description of the Center's upcoming symposium on genetics, disease, and the environment.

AN 000025

Title Center for Environmental Health Sciences Newsletter--Spring 1997

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1997

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 6 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envttox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Isaac Pessah and his research interest in the effects of drugs and environmental chemicals, such as PCBs, on cell signaling processes; 2) a review of the Center's recent symposium, "Genetics, Disease, and the Environment"; 3) a calendar of upcoming events; 4) an announcement about the Center's renewed NIEHS grant; and 5) a list of recent publications by Center members.

AN 000026

Title Center for Environmental Health Sciences Newsletter--Spring 1998

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1998

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 8 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envttox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Barry Wilson and his research interest in neurotoxicology and ecotoxicology; 2) an overview of Center research projects investigating the health effects of environmental exposures on sensitive populations, such as infants, the elderly, and pregnant women; 3) a calendar of upcoming events; 4) a review of the Center's recent symposium, "Prevention of Age-Related Disease"; 5) a report on a community outreach project in which university students developed and publicly presented interactive environmental health exhibits based on research conducted at the University; and 6) a list of recent publications by Center members.

AN 000027

Title Center for Environmental Health Sciences Newsletter--Fall 1998

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1998

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 8 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Ellen Gold and her research interest in health and reproductive effects of women's occupational exposures; 2) a report on Center efforts to develop an inexpensive bioassay for dioxin using firefly genes; 3) an article about the relative benefits and drawbacks of using cell cultures and whole organisms for laboratory research, and examples of the use of cell cultures in Center research; 4) an announcement that Dr. Kenneth Olden received an award for his work as Director of the NIEHS; and 5) a list of recent publications by Center members.

AN 000028

Title Center for Environmental Health Sciences Newsletter--Spring 1999

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1999

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 8 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Gino Cortopassi and his research interest in genetic mutations and cancer; 2) an overview of childhood asthma and related Center research; 3) an announcement of an upcoming town hall meeting on the environmental health problems associated with agriculture and urban sprawl; 4) a report on the Center-sponsored "Aquatic Toxicology Outreach and Training Pilot Program for Local High School Science Teachers and Students"; and 5) a list of recent publications by Center members.

AN 000029

Title Center for Environmental Health Sciences Newsletter--Fall 1999

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1999

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Newsletter issue

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 8 pp; col; ill

Availability Copyrighted. Copying and distribution restricted.
Available for viewing in PDF.

See Web site: <http://www.envttox.ucdavis.edu/CEHS/Newsletters/CtrNewsltr.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Researchers, Pilot projects, Summer programs

Abstract This newsletter provides information about the research, publications, and outreach activities of the Center for Environmental Health Sciences at the University of California, Davis. This issue contains 1) a profile of Dr. Reen Wu and his research interests in the cellular basis of disease, mammalian cell culture, and respiratory biochemistry; 2) an article about the COEP's efforts to provide resources and training programs to help healthcare providers diagnose, treat, and report pesticide-related cases; 3) a review and partial transcript of the recent town hall meeting on the environmental health problems associated with agriculture and urban sprawl; 4) an article on DNA microarray technology and its uses in understanding genetic components of human disease; 5) a summary of a Center project to improve the clinical monitoring of farmworker pesticide exposure; and 6) a list of recent publications by Center members.

AN 000030

Title Prevention of Age-Related Disease

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1997

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (114 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Aging, Disease prevention, Symposia, Health care costs, Cancer, Coronary heart disease, Alzheimer's disease, Diet, Exercise, Free radicals, Antioxidants, Hormones, Mutations, Apoptosis, Oxidative stress

Abstract This symposium consists of a series of presentations about age-related illnesses. Speakers discuss problems relating to aging, such as rising healthcare costs and rates of coronary heart disease, cancer, stroke, and frailty. They address theories and evidence concerning the relative contributions to age-related disease of genetic and environmental factors. They stress the role of lifestyle factors, such as diet and exercise, in disease prevention. They also discuss the concepts of oxidative stress, free radicals, and apoptosis in the context of causes of Alzheimer's disease and mutations.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616. See AN0000425 for media coverage of the event.

AN 000031

Title Alzheimer's Disease Research
Author(s) KCRA-TV Channel 3
Publication Year 1995
Publisher KCRA-TV Channel 3 Noon News
Sponsoring Agency NIEHS
Format Video
Language English
Audience Scientists/researchers--NIEHS Centers, General public
Physical Description 1 video (3 min); sd; col; 1/2 in VHS
Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).
COEP University of California, Davis
Subjects Aging, Neurodegenerative diseases, Alzheimer's disease, Environmental exposures
Abstract This news program focuses on the possible causes of Alzheimer's disease and other neurodegenerative disorders. Scientists from the University of California, Davis, discuss the current knowledge about genetic and environmental causes of such diseases.
Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000032

Title Environmental Impacts on the Nervous System, Parts 1 and 2
Author(s) Center for Environmental Health Sciences, University of California at Davis
Publication Year 1995
Publisher Center for Environmental Health Sciences, University of California at Davis
Sponsoring Agency NIEHS
Format Video
Language English
Audience Scientists/researchers--NIEHS Centers, General public
Physical Description 2 videos (62:00 min and 42:00 min); sd; col; 1/2 in VHS
Availability Copyrighted and COEP charges fee for item.
\$10 per tape, order from CEHS (see Notes).
COEP University of California, Davis
Subjects Occupational exposure, Neurotoxins, Aging, Neurodegenerative diseases, Parkinson's disease, Alzheimer's disease, Neurotransmitters, Risk assessment, Pesticides, Organophosphate insecticides, Carbamate insecticides, Solvents
Abstract This symposium consists of a series of presentations about the neurological effects of environmental exposure to toxic substances. Speakers discuss the role of environmental factors in causing neurodegenerative diseases, such as Parkinson's and Alzheimer's diseases. They present the results of research on the long-term effects of exposure to pesticides, solvents, and metals. Health effects discussed include neurotoxicity, Alzheimer's disease, Parkinson's disease, and birth defects. They discuss genetic factors, as well as regulatory and social issues.
Notes Two video tapes - parts 1 and 2. To order, write a check for \$20 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000033

Title Genetics, Disease, and the Environment: Welcome, Open, and Close

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (31:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Symposia, Genetics and genetic research, Environmental exposures, Genetic pre-disposition to disease

Abstract This video is the first of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. Fumio Matsumoro, Center Director, presents a welcome message and summarizes the Center's research themes. He introduces the theme of the symposium as genetic variation in susceptibility to diseases stemming from environmental exposures.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000034

Title Genetics, Disease, and the Environment: Dr. Douglas A. Bell ("Genetic Susceptibility to Environmentally-Induced Cancer")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (40:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Genetics and genetic research, Cancer, Oncogenes, Mutations, Enzymes and enzyme production, Environmental exposures

Abstract This video is the second of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. Douglas Bell, an NIEHS researcher, provides an overview of genetic variation, the causes of mutations, and the model of carcinogenesis. He describes the genetic variation present in the general population that results in widely varying abilities to produce glutathione transferase, an enzyme that detoxifies benzo-a-pyrene. He describes the techniques that are used to detect such genetic differences. He describes several studies designed to determine whether genetic differences are correlated with differences in the probability of contracting a disease as a result of environmental exposure.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000035

Title Genetics, Disease, and the Environment: Dr. Richard M. Weinshilboum ("Human Pharmacogenetics of Drug Metabolism")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (48:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Pharmacogenetics, Xenobiotics, Enzymes and enzyme production, Biotransformation

Abstract This video is the third of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. Richard Weinshilboum of the Mayo Clinic describes evidence that shows that individuals have differing capacities to metabolize drugs. Because of these genetic differences, some individuals exhibit severe adverse reactions to some drugs, whereas the majority of the population does not. He points out that similar differences in individual reactions to all xenobiotics, pharmaceuticals and environmental chemicals alike, are to be expected.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000036

Title Genetics, Disease, and the Environment: Dr. J. William Langston ("Genetics of Parkinson's Disease")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (42:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Parkinson's disease, Signs and symptoms, Environmental exposures, Genetic pre-disposition to disease, Health effects of pesticides

Abstract This video is the fourth of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. J. William Langston, Director of the Parkinson Institute, provides an overview of the symptoms and pathology of Parkinson's disease. He describes the ongoing debate concerning the cause of the disease by presenting evidence supporting both genetic and environmental cause arguments. He concludes that both genetic pre-disposition and environmental exposure are most likely responsible for causing the disease.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000037

Title Genetics, Disease, and the Environment: Dr. Rashmi Sinha ("Nutrition/Diet, Genetic Susceptibility, and Cancer")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (42:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Diet, Cancer, Heterocyclic amines, Meats, Cooking methods, Colon cancer, Vitamins, Antioxidants, Genetic pre-disposition to disease

Abstract This video is the fifth of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. Rashmi Sinha of the National Cancer Institute presents an overview of the protective effects and cancer risks associated with dietary factors. She then focuses on the links between diet and colon cancer. She describes the methods and results of a study used to develop a method to assess exposure to heterocyclic amines from cooked red meat. She discusses the latest research on genetic differences in the production of enzymes that metabolize heterocyclic amines.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000038

Title Genetics, Disease, and the Environment: Dr. Carl Cranor ("Eggshell Skulls and Loss of Hair from Fright: Some Moral and Legal Principles Which Protect Susceptible Sub-Populations")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (53:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Genetic pre-disposition to disease, Population characteristics, Cost-benefit analysis, Ethics, Risk, Risk assessment, Environmental legislation/regulation, United States Environmental Protection Agency, Disease prevention, Occupational health

Abstract This video is the sixth of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. Carl Cranor of the Department of Philosophy at University of California, Riverside, presents an overview of the philosophical underpinnings of the federal government's cost-benefit approach to environmental regulation: that it is best to provide the greatest good for the greatest number of individuals. He explores the ethical implications of such a regulatory system for a population in which some individuals are genetically more pre-disposed to illness from environmental exposures. He presents examples of sub-populations that are much more susceptible to environmental exposures than others due to genetic differences and describes the legal options for victims of environmental insult (tort law). He touches briefly on issues of genetic screening and occupational health. He also examines EPA legislation that addresses health effects on susceptible populations, such as children, and argues that regulations should strive to protect all populations equally, regardless of their susceptibility.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000039

Title Genetics, Disease, and the Environment: Ms. Barbara Briscoe ("Ethical Considerations in Genetic Counseling")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (39:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Birth defects, Genetic pre-disposition to disease, Communication, Genetic testing, Risk

Abstract This video is the seventh of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Ms. Barbara Briscoe, a genetic counselor, argues the importance of communication methods when discussing genetic test results and genetic disease issues with patients and their families. She shows a video recording of interviews with parents who have been traumatized by the method in which news of their children's genetic birth defects was presented to them. She also describes the issues that physicians and genetic counselors face when dealing with patients who seek predictive genetic testing, for example, for diseases/disorders in fetuses (e.g., birth defects) and for adult diseases (e.g., breast cancer, Huntington's disease).

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000040

Title Genetics, Disease, and the Environment: Dr. Dale Hattis ("Human Interindividual Variability in Cancer Risks")

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (39:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Genetic pre-disposition to disease, Biodiversity, Cancer, Probability, Statistical distributions, Statistical data interpretation

Abstract This video is the eighth of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Dr. Dale Hattis describes the differences between uncertainty and variability in the context of genetic differences in the population and risk assessment. He presents research on the range of variability in cancer susceptibility among the US population and describes how this research is used in cancer risk assessment.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000041

Title Genetics, Disease, and the Environment: Panel

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 1996

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Video

Language English

Audience Scientists/researchers--NIEHS Centers, General public

Physical Description 1 video (64:00 min); sd; col; 1/2 in VHS

Availability Copyrighted and COEP charges fee for item.
\$10, order from CEHS (see Notes).

COEP University of California, Davis

Subjects Genetic testing, Farmworkers, Migrant farmworkers, Cancer, Health effects of pesticides, Pesticide safety training, Occupational exposure, Occupational health

Abstract This video is the last of nine from the public symposium "Genetics, Disease, and the Environment," hosted by the Center for Environmental Health Sciences at the University of California, Davis. Six panelists, including a University representative, farmworker advocates, a physician, a genetic counselor, and an American Cancer Society representative, discuss issues relating to genetic testing, such as privacy, costs, workplace issues, insurance, and other ethical issues. The discussion focuses on how these issues relate to farmworker health and susceptibility to health problems stemming from pesticide exposure.

Notes To order, write a check for \$10 made out to The Regents, University of California, and send to Center for Environmental Health Sciences, Dept. of Environmental Toxicology, University of California at Davis, Davis, CA 95616.

AN 000042

Title Rural Health Clinic Outreach Project--Pesticide Injury Assessment Survey

Author(s) Weber, J.
O'Connor-Marer, P.

Publication Year 1997

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Survey or questionnaire

Language English

Audience Healthcare community--Healthcare providers

Physical Description 19 pp; b&w

Availability Copyrighted. Copying and distribution restricted.
Contact the authors for permission to copy or to obtain a copy (see Notes). Information about the project is available on the Internet.

See Web site: <http://www.envtox.ucdavis.edu/cehs/outreach/rural.htm>

COEP University of California, Davis

Subjects Health effects of pesticides, Rural health services

Abstract Rural health clinics in the major agricultural areas of California serve the needs of rural and migrant populations, a large portion of which are farmworkers. Many of these workers and their families experience health problems related to exposure to dust, pesticides, and fertilizers. This survey was developed as part of an outreach project to improve the resources and knowledge available to rural health clinics. The survey, administered to clinic staff, solicits information about 1) the kinds of illnesses and injuries treated, 2) clinic staff, 3) educational outreach efforts of the clinic, 4) clinic practices related to the diagnosis and treatment of pesticide-related illness and injury, 5) the clinic's sources of information about pesticide-related illness and injury, and 6) the clinic's familiarity with established testing and reporting procedures for pesticide-related illness and injury. Results from the survey can be used to evaluate the clinic's needs for pesticide-related training and resources.

Notes For a copy, contact the authors: Patrick O'Connor-Marer, UC IPM Pesticide Education Program, tel (530) 752-7694, pjmarer@ucdavis.edu; or Jennifer L. Weber, UC IPM Pesticide Education Program, tel (530) 752-5930, jlweber@ucdavis.edu

- Title** Agricultural Injury Assessment Survey for American Indians: Tribal Outreach Tel Interview - DRAFT
- Edition** Revised 5/20/00
- Author(s)** Owens, W.L.
Center for Environmental Health Sciences, University of California at Davis
- Publication Year** 2000
- Publisher** Center for Environmental Health Sciences, University of California at Davis
- Sponsoring Agency** NIEHS
- Format** Survey or questionnaire
- Language** English
- Audience** Government--Public health officials, Ethnic groups--Native Americans, Occupational groups--Farmers/farmworkers
- Physical Description** 7 pp; b&w
- Availability** Copyrighted. Copying and distribution restricted.
Contact the researcher for permission to copy or to obtain a copy (see Notes). Information about this outreach effort is available on the Internet.
- See Web site:** <http://outreach.ucdavis.edu/programs/tribal.htm>
- COEP** University of California, Davis
- Subjects** Native Americans, Interviews, Agrochemicals, Pesticides, Hazardous substances
- Abstract** Tribal communities in California generally lack access to culturally appropriate information concerning the potential human health and environmental effects of mismanaged agrochemicals and other hazardous substances. This telephone interview script was developed as part of an outreach and education program, "Preventing, Assessing, and Resolving Harm to Human Health and the Environment from Agrochemicals and Hazardous Substances." The objectives of the project are: 1) to identify existing practices and problems concerning agrochemicals and other hazardous materials in tribal communities; 2) to provide information to tribal communities about how to prevent, assess, and resolve such problems; and 3) to identify research needs and effective means of providing useful information. The interview was designed to be administered to members of tribal communities and/or environmental managers of tribal communities. The interview questions solicit information on 1) general tribal community characteristics (location, population, land uses); 2) environmental health resources and management practices; 3) local environmental issues and concerns, including agrochemical exposure; and 4) available telecommunications infrastructure and resources.
- Notes** Send inquiries to William L. Owens, Toxic Substances Research and Teaching Program, 1131 Surge 3, University of California, Davis, CA 95616, wlowens@ucdavis.edu; or to Rebecca Morrison, CEHS Program Manager, Department of Environmental Toxicology, tel (916) 752-2732, fax (916) 752-3394, rlmorrison@ucdavis.edu.

AN 000044

Title Aquatic Toxicology Outreach and Training Pilot Program for Local High Schools
Author(s) Center for Environmental Health Sciences, University of California at Davis
Publication Year 1998
Publisher Center for Environmental Health Sciences, University of California at Davis
Sponsoring Agency NIEHS
Format Training material
Language English
Audience K-12--High school
Physical Description 142 pp; b&w; ill; tables
Availability Copyrighted, but copyright holder allows copying and distributing.
COEP University of California, Davis
Subjects Water quality, Aquatic ecosystems, Water pollution, Water sampling, Classroom activities, Scientific methods, Data collection, Teacher education
Abstract Agrochemicals linked to toxicity in aquatic organisms are commonly found in the waterways of the Sacramento River watershed, due to both rural and urban applications. This package of training materials was developed as part of an outreach program, "Aquatic Toxicology Outreach and Training Pilot Program for Local High Schools," designed to provide high school science teachers and students with an understanding of the methods used to assess the effects of pollutants on aquatic life. An introductory presentation provides background information on the biology and ecological role of Ceriodaphnia, the species selected for toxicity testing; sources of water pollution; and sampling and testing procedures. Additional training materials include a teacher's manual and classroom handbook for a Ceriodaphnia toxicity testing protocol.
Notes More information on this outreach effort is available at <http://www.envtox.ucdavis.edu/cehs/outreach/aquatic.htm>

AN 000045

Title Toxic Substances: Information and Alternatives
Author(s) Center for Environmental Health Sciences, University of California at Davis
Publication Year 2001
Publisher Center for Environmental Health Sciences, University of California at Davis
Sponsoring Agency NIEHS
Format Web site
Language English
Audience General public
Physical Description Web site
Availability Public domain. No restrictions.
See Web site: <http://www.envtox.ucdavis.edu/cehs/TOXINS/toxins.html>
COEP University of California, Davis
Subjects Internet resources, Outreach activities, Outreach to the general public, Environmental education, Harmful substances, Pollution (general), Health effects of pollution
Abstract The University of California, Davis, Center for Environmental Health Sciences maintains this Web site to provide information on a variety of toxins and related environmental health subjects, including various air and water pollutants, pesticides and other hazardous chemicals, and diseases. For each subject the site provides a narrative description, reviewed by scientists for accuracy, of the associated health concerns and risks, helpful suggestions, and other Internet resources for more information.

AN 000046

Title University of California, Davis, Center for Environmental Health Sciences Web Site

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 2001

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Web site

Language English

Audience General public

Physical Description Web site

Availability Public domain. No restrictions.

See Web site: <http://www.envtox.ucdavis.edu/CEHS/Index.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Internet resources, Agrochemicals, Xenobiotics, Health effects of pesticides

Abstract The University of California, Davis, Center for Environmental Health Sciences supports interdisciplinary research in human epidemiology, target organ toxicity, biomarkers of exposure, and effects and mechanisms of toxics. The Center's main research focus is on the health effects of agrochemicals and related xenobiotics. This Web site provides access to information and resources relating to the Center's activities: its organization, staff, annual reports, facilities, publications, news items, pilot projects, and education and outreach activities.

AN 000047

Title University of California, Davis, Friends of Environmental Toxicology Web Site

Author(s) Center for Environmental Health Sciences, University of California at Davis

Publication Year 2001

Publisher Center for Environmental Health Sciences, University of California at Davis

Sponsoring Agency NIEHS

Format Web site

Language English

Audience General public

Physical Description Web site

Availability Public domain. No restrictions.

See Web site: <http://www.envtox.ucdavis.edu/Friends/index.htm>

COEP University of California, Davis

Subjects NIEHS Centers research and activities, Internet resources, Toxicology, Environmental sciences, Outreach to the general public

Abstract As part of its outreach to Californians interested in environmental protection and related scientific issues, the University of California, Davis, Department of Environmental Toxicology created the group "Friends of Environmental Toxicology." The Friends of Environmental Toxicology Web site provides information about upcoming environment-related events; research news; and links to faculty, environmental organizations, and local and national environmental resources and agencies. The site also allows new members to sign up and become a Friend.